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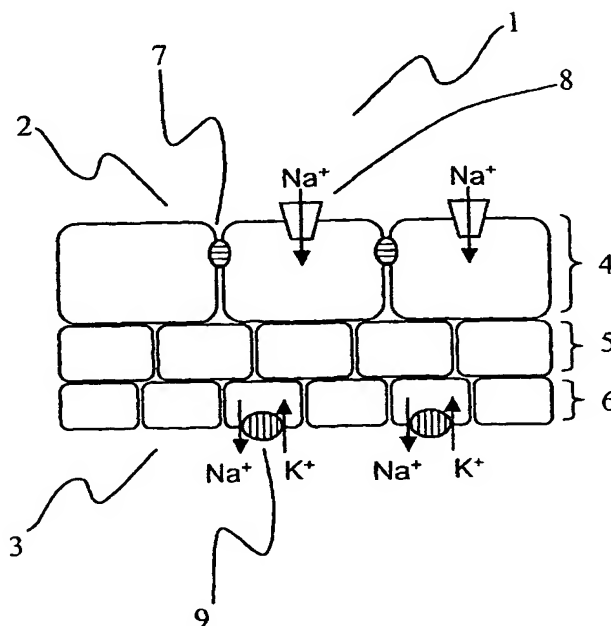
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**Declarations under Rule 4.17:**

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,

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(54) Title: BIOMIMETIC UROTHELIUM



(57) Abstract: Urothelium is the specialised endothelium that lines much of the mammalian urinary tract. This invention relates to the field of *in vitro* urothelial culture. Previous methods produce tissue lacking much of the functionality of native urothelium. In this invention, stratified, differentiated mammalian urothelium (1) is produced by passaging urothelial cells through a nutrient medium containing serum, and redispersed, before going on in a like medium to form said urothelium.

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